



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 27, 2015

Crystal Layton  
Agent for NORDOX AS  
c/o Landis International Inc.  
P.O. Box 5126  
Valdosta, GA 31601-5126

Subject: Label Amendment – To add formulating directions for synthetic fibers  
Product Name: Nordox Cuprous Oxide Paint Grade  
EPA Registration Number: 48142-2  
Application Date: April 20, 2015  
Decision Number: 503665

Dear Ms. Layton:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

with FIFRA section 6. If you have any questions, please contact Zebora Johnson by phone at (703) 308-7080 or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure



# NORDOX

## CUPROUS OXIDE PAINT GRADE

### NFPA - HMIS HAZARD RATINGS

Health:	1
Flammability:	1
Reactivity:	1
Max. Personal Protection:	E

Cuprous Oxide, CAS No. 1317-39-1  
Metallic Copper, CAS No. 7440-50-8

**ACCEPTED**

Oct 27, 2015

#### ACTIVE INGREDIENT:

Cuprous Oxide (Cu <sub>2</sub> O)*	97.0%
OTHER INGREDIENTS**	3.0%
TOTAL	100.0%

\*Metallic copper equivalent: 86%

EPA Reg. No. 48142-2

EPA Est. No. 48142-NR-1

### KEEP OUT OF REACH OF CHILDREN WARNING

#### FIRST AID

**IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

*Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.*

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes eye irritation. Harmful if swallowed. May cause skin irritation, nausea, chills or diarrhea. Avoid contact with eyes, skin or clothing. Avoid inhalation. Use respiratory devices approved by National Institute for Occupational Safety and Health (NIOSH). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not store near feed or food stuffs.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

NORDOX CUPROUS OXIDE PAINT GRADE is a bacteristatic and fungistatic powder for formulating use only as an antifoulant ingredient in antifoulant coatings, as a fungicide in wood preservatives, as an algicide/mildewicide in roofing materials, and as an antimicrobial additive to synthetic fibers. Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

This product may be used to formulate products for specific use(s) not listed on this label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

For use as an antimicrobial additive to synthetic fibers, this product is to be incorporated into synthetic fibers during the manufacturing process of a masterbatch. The fibers are used in the manufacturing process of materials incorporated into final articles. This product provides bacteristatic and fungistatic protection to the final articles identified below. Manufactured products using NORDOX CUPROUS OXIDE PAINT GRADE may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the manufactured product. This product is for use in materials that are incorporated into manufactured products listed below:

**Fibers:** The final article is to contain from 0.2% to 50.0% of this product by weight. Household items, bedding, mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, table cloths, napkins, wiping cloths, mops, towels, vacuum cleaner bags, cushion pads, sleeping bags, brush bristles, air and dust filters, book covers, curtains, draperies, upholstery, wall covering fabrics, carpet underlay, carpet backing, conveyor belts that do not come in contact with any type of food, automotive and truck upholstery, automotive and truck carpeting, truck liners, convertible tops and interior liners, apparel, outerwear, uniforms, coats, aprons, sportswear, sleepwear, stockings, socks, hosiery, caps, undergarments (undershirts, underwear, bras, thermal underwear), inner liners for jackets, shoes, gloves and helmets, sails, ropes, tents, tarps, canvas, ducking, awnings, umbrellas, outdoor upholstery, pool covers, boat covers, RV and auto covers.

**Floor coverings:** The final article is to contain 0.2%-50.0% of this product by weight. Carpets, rugs, mats, indoor/outdoor carpet and broadloom and tile carpeting.

**Plastics, coatings, films and laminates:** The final article (or finished coating) is to contain from 0.2% to 50.0% of this product by weight. Automotive and vehicular parts; brush handles; building materials and components, wood and non-food contact plastic composites, collection and; concrete; conveyor belts that do not come in contact with any type of food; countertops; floor covering; flooring; footwear including boots; furniture; gaskets; glazing for cement tile, and for toilets, countertops; indoor and outdoor furniture; insulation for wire and cable; insulators; kitchen and bathroom hardware; liners; mats; mops; natural and synthetic fibers and fabrics; non-woven fabrics; plumbing supplies and fixtures; shower curtains, siding, sinks, sports equipment, tape, tiles, tubing, vacuum cleaner bags, wallboard, walls, waste containers, protective coverings for pools and hot tubs. For coatings used on the inside of fire system sprinkler pipes. Personal hygiene devices such as combs, brushes, hairclips.

**Adhesives and sealants:** The final article is to contain from 0.2% to 50.0% of this product by weight. Adhesives used in the manufacturing of wood and plastic composites, adhesives for ceramic tile, rubber, plastic, glazing for windows, grout, sealants for pipes, and adhesives for plumbing.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### STATEMENT OF WARRANTY

**NOTICE:** Read this Statement of Warranty before buying or using this product. If the terms are not acceptable, return it at once unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. To the extent consistent with applicable law, the exclusive remedy of the User or Buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the User or Buyer for the quantity of product involved. To the extent consistent with applicable law, there is no warranty, and this Company and other Sellers disclaim all liability for losses, personal injury or damages: (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the product's label; (ii) arising from handling or storage in violation of label instructions; (iii) for all indirect special or consequential damages; (iv) when not reported to this company within one year of discovery; and (v) arising from product not used within the label-designated shelf life or four years from date of purchase, whichever first occurs. THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.

Manufactured by:  
NORDOX AS • Østensjøveien 13 • Oslo 6 • NORWAY

NET WEIGHT: ☐ 25 KG (55.1 LB)  
☐ 317.5 KG (700 LB)

BATCH CODE: